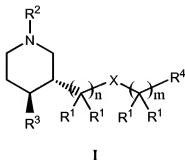


CLAIMS

This listing of the claims will replace all prior versions and listings of the claims in the application.

1. **(currently amended)** A compound represented by formula I:



wherein

R^1 represents independently for each occurrence H or alkyl;

R^2 is H, alkyl, aryl, aralkyl, or $-C(O)R^5$;

R^3 is aryl, heteroaryl, or aralkyl;

R^4 is ~~hydrogen, hydroxyl, aryl, heteroaryl, OR⁵, CO₂R⁶, C(O)N(R⁶)₂, C(O)NHOH,~~
~~OC(O)R⁶, or oxadiazole;~~

R^5 is alkyl, aryl, heteroaryl, or aralkyl;

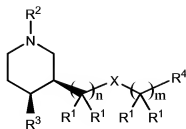
R^6 represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl,
wherein any two instances of R^6 may be covalently attached to form a ring;

X is S, $-S(O)-$, or $-S(O_2)-$;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

2. **(currently amended)** A compound represented by formula II:



II

wherein

R¹ represents independently for each occurrence H or alkyl;

R² is H, alkyl, aryl, aralkyl, or -C(O)R⁵;

R³ is aryl, heteroaryl, or aralkyl;

R⁴ is ~~hydrogen, hydroxyl, aryl, heteroaryl, OR⁵, -CO₂R⁶, C(O)N(R⁶)₂, C(O)NHOH,~~
~~OC(O)R⁵, or oxadiazole;~~

R⁵ is alkyl, aryl, heteroaryl, or aralkyl;

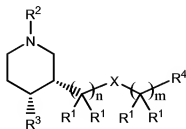
R⁶ represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl,
 wherein any two instances of R⁶ may be covalently attached to form a ring;

X is S, -S(O)-, or -S(O₂)-;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

3. **(currently amended)** A compound represented by formula III:



III

wherein

R^1 represents independently for each occurrence H or alkyl;

R^2 is H, alkyl, aryl, aralkyl, or $-C(O)R^5$;

R^3 is aryl, heteroaryl, or aralkyl;

R^4 is ~~hydrogen, hydroxyl, aryl, heteroaryl, OR⁵, CO₂R⁶, C(O)N(R⁶)₂, C(O)NHOH, OC(O)R⁵, or oxadiazole;~~

R^5 is alkyl, aryl, heteroaryl, or aralkyl;

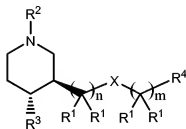
R^6 represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl, wherein any two instances of R^6 may be covalently attached to form a ring;

X is S, $-S(O)-$, or $-S(O)_2-$;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

4. **(currently amended)** A compound represented by formula IV:



IV

wherein

R^1 represents independently for each occurrence H or alkyl;

R^2 is H, alkyl, aryl, aralkyl, or $-C(O)R^5$;

R^3 is aryl, heteroaryl, or aralkyl;

R^4 is ~~hydrogen, hydroxyl, aryl, heteroaryl, OR⁵, CO₂R⁶, C(O)N(R⁶)₂, C(O)NHOH, OC(O)R⁵, or oxadiazole;~~

R^5 is alkyl, aryl, heteroaryl, or aralkyl;

R^6 represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl, wherein any two instances of R^6 may be covalently attached to form a ring;

X is S, -S(O)-, or -S(O)₂-;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

Claims 5-23 (canceled)

24. (original) The compound of claim 2, wherein X is S or -S(O)-.
25. (original) The compound of claim 2, wherein R^2 is methyl, ethyl or propyl.
26. (original) The compound of claim 2, wherein R^2 is methyl.
27. (currently amended) The compound of claim 2, wherein R^3 is aryl ~~optionally substituted phenyl~~.
28. (currently amended) The compound of claim [[2]] 27, wherein R^3 is halophenyl.
29. (currently amended) The compound of claim [[2]] 27, wherein R^3 is 3-chlorophenyl.
30. (canceled)
31. (currently amended) The compound of claim 2, wherein ~~R^4 is C(O)N(R^6)₂~~ and R^6 represents independently for each occurrence hydrogen or alkyl.
32. (original) The compound of claim 2, wherein X is S, n is 1, m is 1, R^1 is hydrogen, R^2 is methyl, and R^3 is 3-chlorophenyl.
33. (canceled)
34. (original) The compound of claim 2, wherein X is S, n is 1, m is 1, R^1 is hydrogen, R^2 is methyl, R^3 is 3-chlorophenyl, and R^4 is C(O)N(H)iPr.
35. (original) The compound of claim 3, wherein X is S or -S(O)-.
36. (original) The compound of claim 3, wherein R^2 is methyl, ethyl or propyl.
37. (original) The compound of claim 3, wherein R^2 is methyl.

38. **(currently amended)** The compound of claim 3, wherein R^3 is aryl optionally substituted phenyl.
39. **(currently amended)** The compound of claim ~~[[3]]~~ 38, wherein R^3 is halophenyl.
40. **(currently amended)** The compound of claim ~~[[3]]~~ 38, wherein R^3 is 3-chlorophenyl.
41. **(canceled)**
42. **(currently amended)** The compound of claim 3, wherein ~~R^4 is $C(O)N(R^6)_2$ and R^6~~ represents independently for each occurrence hydrogen or alkyl.
43. **(original)** The compound of claim 3, wherein X is S, n is 1, m is 1, R^1 is hydrogen, R^2 is methyl, and R^3 is 3-chlorophenyl.
44. **(canceled)**
45. **(original)** The compound of claim 3, wherein X is S, n is 1, m is 1, R^1 is hydrogen, R^2 is methyl, R^3 is 3-chlorophenyl, and R^4 is $C(O)N(H)iPr$.
46. **(original)** The compound of claim 4, wherein X is S or $-S(O)-$.
47. **(original)** The compound of claim 4, wherein R^2 is methyl, ethyl or propyl.
48. **(original)** The compound of claim 4, wherein R^2 is methyl.
49. **(currently amended)** The compound of claim 4, wherein R^3 is aryl optionally substituted phenyl.
50. **(currently amended)** The compound of claim ~~[[4]]~~ 49, wherein R^3 is halophenyl.
51. **(currently amended)** The compound of claim ~~[[4]]~~ 49, wherein R^3 is 3-chlorophenyl.
52. **(canceled)**
53. **(currently amended)** The compound of claim 4, wherein ~~R^4 is $C(O)N(R^6)_2$ and R^6~~ represents independently for each occurrence hydrogen or alkyl.
54. **(original)** The compound of claim 4, wherein X is S, n is 1, m is 1, R^1 is hydrogen, R^2 is methyl, and R^3 is 3-chlorophenyl.
55. **(canceled)**

56. **(original)** The compound of claim 4, wherein X is S, n is 1, m is 1, R¹ is hydrogen, R² is methyl, R³ is 3-chlorophenyl, and R⁴ is C(O)N(H)iPr.

Claims 57-107(**canceled**)

108. **(previously presented)** The compound of claim 1, wherein X is S or -S(O)-.

109. **(previously presented)** The compound of claim 1, wherein R² is methyl, ethyl or propyl.

110. **(previously presented)** The compound of claim 1, wherein R² is methyl.

111. **(currently amended)** The compound of claim 1, wherein R³ is aryl ~~optionally substituted phenyl~~.

112. **(currently amended)** The compound of claim ~~[[1]]~~ 111, wherein R³ is halophenyl.

113. **(currently amended)** The compound of claim ~~[[1]]~~ 111, wherein R³ is 3-chlorophenyl.

114. **(canceled)**

115. **(currently amended)** The compound of claim 1, wherein ~~R⁴ is C(O)N(R⁶)₂~~ and R⁶ represents independently for each occurrence hydrogen or alkyl.

116. **(previously presented)** The compound of claim 1, wherein X is S, n is 1, m is 1, R¹ is hydrogen, R² is methyl, and R³ is 3-chlorophenyl.

117. **(canceled)**

118. **(previously presented)** The compound of claim 1, wherein X is S, n is 1, m is 1, R¹ is hydrogen, R² is methyl, R³ is 3-chlorophenyl, and R⁴ is C(O)N(H)iPr.